

Appl. No. 09/944,222
Amdt. dated February 24, 2004
Reply to Office Action dated November 24, 2003
Docket No. TRNSV-013BC2

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Withdrawn)
2. (Withdrawn)
3. (Withdrawn)
4. (Withdrawn)
5. (Withdrawn)
6. (Withdrawn)
7. (Withdrawn)
8. (Withdrawn)
9. (Withdrawn)
10. (Withdrawn)
11. (Withdrawn)
12. (Withdrawn)
13. (Withdrawn)
14. (Withdrawn)
15. (Withdrawn)
16. (Withdrawn)
17. (Withdrawn)
18. (Withdrawn)
19. (Withdrawn)
20. (Withdrawn)

Appl. No. 09/944,222
Amdt. dated February 24, 2004
Reply to Office Action dated November 24, 2003
Docket No. TRNSV-013BC2

21. (Withdrawn)
22. (Withdrawn)
23. (Withdrawn)
24. (Withdrawn)
25. (Withdrawn)
26. (Withdrawn)
27. (Withdrawn)
28. (Withdrawn)
29. (Withdrawn)
30. (Withdrawn)
31. (Withdrawn)
32. (Withdrawn)
33. (Withdrawn)
34. (Withdrawn)
35. (Withdrawn)
36. (Withdrawn)
37. (Withdrawn)
38. (Withdrawn)
39. (Withdrawn)
40. (Withdrawn)
41. (Withdrawn)
42. (Withdrawn)
43. (Withdrawn)

Appl. No. 09/944,222
Amdt. dated February 24, 2004
Reply to Office Action dated November 24, 2003
Docket No. TRNSV-013BC2

44. (Withdrawn)
45. (Withdrawn)
46. (Withdrawn)
47. (Withdrawn)
48. (Withdrawn)
49. (Withdrawn)
50. (Withdrawn)
51. (Withdrawn)
52. (Withdrawn)
53. (Withdrawn)
54. (Withdrawn)
55. (Withdrawn)
56. (Withdrawn)
57. (Withdrawn)
58. (Withdrawn)
59. (Withdrawn)
60. (Withdrawn)
61. (Withdrawn)
62. (Withdrawn)
63. (Withdrawn)
64. (Withdrawn)
65. (Amended) A protrusive stent apparatus for stenting a transmyocardial passageway which

Appl. No. 09/944,222
Amdt. dated February 24, 2004
Reply to Office Action dated November 24, 2003
Docket No. TRNSV-013BC2

extends from a chamber of the heart to a coronary blood vessel, said apparatus comprising:

a tubular body which is alternately configureable in:

- i) a radially collapsed configuration of a first diameter;
- ii) a radially expanded configuration of a second diameter, said second diameter being at least as large as the diameter of the transmyocardial passageway;

said protrusive ~~stenting~~ stent apparatus having a length which is longer than the length of the transmyocardial passageway, ~~such and a configuration that permits said apparatus may to be positioned within said transmyocardial passageway from said cardiac chamber to said coronary blood vessel, with a~~ such that a portion of said apparatus resides within the transmyocardial passageway to stent said transmyocardial passageway and a portion of said apparatus extends out of the transmyocardial passageway and protruding into said coronary blood vessel.

66. (Original) The protrusive stent apparatus of Claim 65 wherein the tubular body of said stent apparatus is self-expanding.

67. (Original) The protrusive stent apparatus of Claim 65 wherein the tubular body of said stent apparatus is pressure expandable.

68. (Original) The protrusive stent apparatus of Claim 66 wherein the tubular body of said stent apparatus is formed of material selected from the group of materials consisting of:

metal;
polymeric material.

69. (Original) The apparatus of Claim 65 wherein said apparatus further comprises:
a tubular covering formed on said stent.

70. (Original) The apparatus of Claim 69 wherein said tubular covering is formed of a material selected from the group of materials consisting of:

Appl. No. 09/944,222
Amdt. dated February 24, 2004
Reply to Office Action dated November 24, 2003
Docket No. TRNSV-013BC2

polyester;
woven polyester;
polytetrafluoroethylene;
expanded polytetrafluoroethylene;
polyurethane;
silicone;
polycarbonate;
autologous tissue; and,
xenograft tissue.

71. (Withdrawn)
72. (Withdrawn)
73. (Withdrawn)
74. (Withdrawn)
75. (Withdrawn)
76. (Withdrawn)
77. (Withdrawn)
78. (Withdrawn)
79. (Withdrawn)
80. (Withdrawn)
81. (Withdrawn)
82. (Withdrawn)